

## CLAIMS

What is claimed is:

1. A method of scanning a document to generate image data of the document, the method comprising:  
performing a pre-scanning operation at a first predetermined resolution and speed according to a scan command until a current scanning area is located in a main-scan area; and  
performing a main-scanning operation at a second predetermined resolution and speed, until the current scanning area is beyond the main-scan area, after the current scanning area has been located in the main-scan area.
2. The method of claim 1, wherein said performing a pre-scanning operation comprises sensing a position of a starting portion of the main-scan area in which a document is positioned.
3. The method of claim 1, wherein said performing a main-scanning operation comprises scanning a document sensed during the pre-scanning operation to generate image data of the document.
4. The method of claim 1, further comprising inputting a number of documents for which image data are to be generated.
5. The method of claim 4, further comprising, if the number of documents input is one, ending scanning of the document after said performing a main-scanning operation ends.
6. The method of claim 4, further comprising, if the number of documents input is two or more, sensing a starting portion of a subsequent document after said performing a main-scanning operation ends by repeating said performing a pre-scanning operation.
7. The method of claim 1, wherein said performing a pre-scanning operation comprises determining whether white data exist for each line of a document to be scanned and counting the number of white lines of the white data.

8. A method of scanning documents, comprising:  
placing one or more documents to be scanned within a physical scan area;  
performing a pre-scanning operation until a beginning of one of the documents is sensed;  
performing a main-scanning operation until an end of the one of the documents is sensed; and  
repeating said performing a pre-scanning operation and said performing a main-scanning operation until a bottom of the physical scan area is reached, thereby scanning the physical scan area once.

9. A scanner, comprising:  
a pre-scanning unit performing a pre-scanning operation at a first predetermined resolution and speed until a current scanning area is located in a main-scan area; and  
a main-scanning unit performing a main-scanning operation at a second predetermined resolution and speed, until the current scanning area is beyond the main-scan area, after the current scanning area has been located in the main-scan area.

10. The scanner of claim 9, wherein the first predetermined resolution and speed are set by a user or set depending on characteristics of the scanner.

11. The scanner of claim 9, wherein the speed of the pre-scanning operation is greater than the speed of the main-scanning operation.

12. The scanner of claim 9, wherein a size of a document to be scanned is the same size as a business card.